

6th Prof. Vijaya Agarwala Memorial Inter National Conference on Microwave Absorbing Materials

(VAMMAM-2022)
(August 24th -25th, 2022)

Prof. Dharmendra Singh
Conference Chair, VAMMAM-2021
Department of Electronics & Communication
Engineering Indian Institute of Technology Roorkee
Roorkee – 247667,
INDIA

Dr. Bambam Kumar
Coordinator, VAMMAM-2022
Department of E&CE
National Institute of Technology Patna, Patna – 800005,
INDIA



VAMMAM 2022

6th Prof. Vijaya Agarwala Memorial Inter National Conference on Microwave Absorbing Materials (VAMMAM-2022)

August 24th -25th, 2022

Jointly Organized by



And



**Common Research Technology
Development Hub (CRTDH) for
New Materials/Stealth Applications,
Centre of Nanotechnology
Indian Institute of Technology
Roorkee Uttarakhand – 247667, INDIA
&
Department of ECE
National Institute of Technology
Patna, Patna – 800005, INDIA**

Scope of the Conference

Indian Institute of Technology - Roorkee is among the foremost of institutes of national importance in higher technological education and in engineering, basic and applied research. Since its establishment, the Institute has played a vital role in providing the technical manpower and know-how to the country and in pursuit of research. The Institute ranks amongst the best technological institutions in the world and has contributed to all sectors of technological development. It has also been considered a trend-setter in the area of education and research in the field of science, technology, and engineering. The Institute has completed 150th year of its existence in October 1996. On September 21, 2001, an Ordinance issued by the Government of India declared it as the nation's fourth Indian Institute of Technology. The ordinance is now converted into an Act by the Parliament to make IIT, Roorkee as an "Institution of National Importance".

National Institute of Technology Patna is the 18th National Institute of Technology created by the Ministry of H.R.D. Government of India after rechristening the erstwhile Bihar College of Engineering Patna on 28. 01. 2004. NIT Patna marked its humble beginning in 1886 with the establishment of pleaders survey training school which was subsequently promoted to Bihar College of Engineering Patna in 1924. This made this institute the 6th Oldest Engineering Institute of India. The institute is situated on the south bank of holy river Ganges behind Gandhi Ghat, one of the most important and reverential places of Patna. The Gandhi Ghat is associated with the immersion

of ashes of father of the Nation Mahatma Gandhi in the river Ganges. The campus has a picturesque river view with historic building presenting a spectacle of architectural delight and natural beauty.

We are proud to organize this conference for the sixth consecutive year as an honor for Late. Prof. Vijaya Agarwala. The 6th conference on “Prof. Vijaya Agarwala Memorial Inter National Conference on Microwave Absorbing Materials (VAMMAM-2022)” will held on offline/online mode on 24th-25th August, 2022. The main focus of the conference is to provide the scientific world an insight in the research progress of microwave absorbing materials and techniques for the defense applications. Key aspects include “microwave absorbing materials” and “stealth & communication applications”. The conference aims to provide fruitful knowledge exchange among academicians, industry personnel and scientists coming from the area of defense.

The conference will include invited talks and contributed papers on emerging areas by eminent experts from various academic and research organizations as well as industries. The event will provide a platform that extends great opportunities to all the participants to learn and propagate newer and relevant ideas that will be presented and discussed during the session. In this context, we encourage submission of high-quality research papers. Details have been mentioned in the section

"Topic of Interest" which provides a tentative list, but the area of interest is not limited to these topics.

Topics of Interest

Topics of interest of the conference include, but are not limited to, the following areas:

- **Electronics & Instrumentation**
- **Radar and Microwave Absorbing Structures**
- **Stealth Radomes and materials**
- **Microwaves and MM-Wave for Target Detection & Identification**
- **Electromagnetic Interference Shielding in Communication Devices**
- **Microwave Measurements with Distinct Commercial Applications**
- **Signal and Image Processing**
- **Microwave and Optical Fiber Communication**
- **Electro-optics system and processing**
- **EM Wave Radiation Effect**
- **MEMS, NEMS design and Technology**
- **Systems-on-Chip (SoC), Heterogeneous & Homogeneous MPSoCs**
- **Antenna Design for Communication Systems**
- **Stealth Drone and Anti-Drone**
- **Information & Communication Technology**
- **IoT, Sensor Networks, Computer Vision and Applications**
- **Special session of materials for Miscellaneous Applications**
- **But not limited to this**

The conference is open to all those interested from academic, non-academic organizations and industry persons.

Paper Submission

Please submit full papers in IEEE format with not more than 4-5 pages including all figures and references through the link provided. Papers exceeding 5 pages will not be published. You can download IEEE format for your reference from IEEE website.

Paper Submission Link: Through Easy Chair

If you are finding any difficulty in submitting your paper with Easy Chair then please mail us at yammam2022@gmail.com.

Accepted papers after peer review may be considered for publication in the reputed journal.

Important Date

Paper submission deadline: 20th June 2022

Notification of acceptance: 10th July 2022

Conference date: 24th-25^h August, 2022

Registration Fees

Category	Indian Participants (INR)	Foreign Participants (USD)
Students (UG/PG/ Research Scholar)	Rs. 1500	\$50
Academicians	Rs. 2000	\$100
Industry Persons	Rs. 2500	\$150

Organizing/Advisory Committee

Prof. Dharmendra Singh, IIT Roorkee
Prof. K. P. Singh, IIT (BHU) Varanasi
Prof. P. K. Jain, NIT Patna
Prof. M. V. Kartikeyan, IIT Tirupati.
Dr. K. Bhanu Sankara Rao, University of Hyderabad
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Contact us

Email: vammam2022@gmail.com
Phone: +91-7895717492

**“6th Prof. Vijaya Agarwala
Memorial Inter National Conference
on Microwave Absorbing Materials”
(VAMMAM-2022)
August 26th-27th, 2022**

REGISTRATION FORM

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Designation:

Affiliation:

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